Science 8 **Unit 2 Practice Quizzes Answer Key**

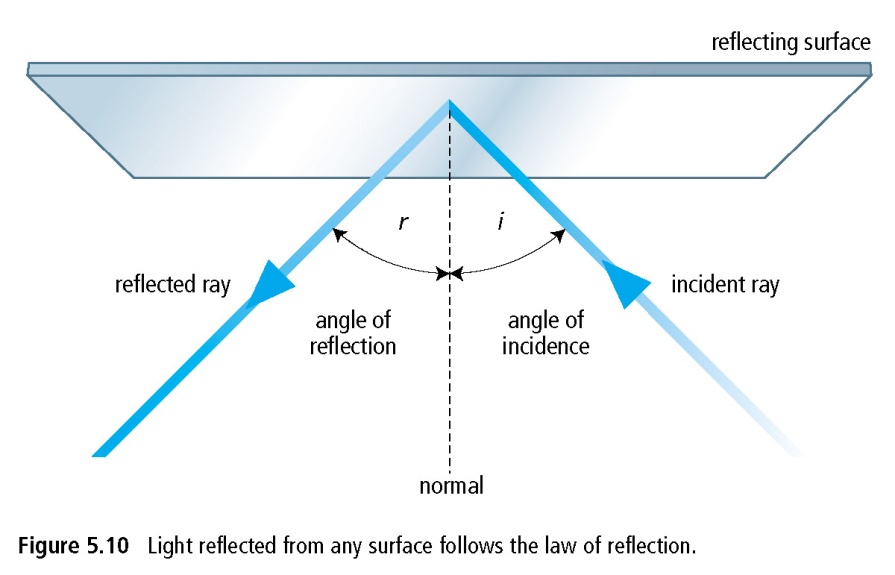
**Ch. 4 Quiz**

1. A
2. B
3. D
4. A
5. C
6. B
7. C
8. A
9. C
10. D
11. B
12. F
13. G
14. C
15. A
16. D
17. a) blue b) red c) no colour
18. a) helps vitamin D production b) sun burn, skin cancer
19. a) 0.5 Hz b) 3 Hz c) 1.5 Hz

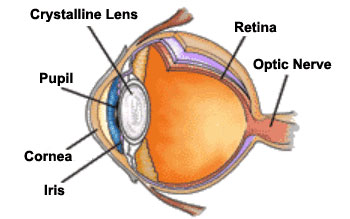
**Ch. 5 Quiz**

1. C
2. B
3. D
4. A
5. D
6. B
7. B
8. B
9. A
10. C (note: depends on location of object)
11. C
12. G
13. F
14. D
15. E
16. A
17. a) transmit: allows to pass through; absorb: does not allow to pass through

b) translucent: light passes through but is scattered, no clear image; transparent: light passes through and image is clear

1. 
2. warm air, different densities, light is refracted

**Ch. 6 Quiz**

1. C
2. B
3. D
4. D
5. D
6. C
7. A or D!
8. C
9. D
10. C
11. G
12. E
13. A
14. B
15. F
16. C
17. 
18. a) both reflecting and refracting telescopes collect an image of a faraway object, and magnify the image using a convex lens in an eyepiece.

b) refracting: the image is collected by a convex lens; reflecting: image is collected by a concave mirror

1. light is of the same wavelength, wave crests are aligned (in phase)